

## CLAIMS

1. A niobium powder characterized in that the niobium powder comprises:

at least one selected from

5 molybdenum: 0.002 to 20% by mass,

chromium: 0.002 to 10% by mass, and

tungsten: 0.002 to 20% by mass; and

hydrogen: 0.005 to 10% by mass,

the balance substantially being niobium, and that

10 the specific surface area of the powder is from 1 to 10 m<sup>2</sup>/g.

2. The niobium powder according to claim 1, characterized in that the niobium powder further comprises:

magnesium: 0.002 to 1% by mass and/or

15 aluminum: 0.002 to 1% by mass.

3. The niobium powder according to claim 1, characterized in that the average particle size of the secondary particles of the powder is from 10 to 200  $\mu$ m.

4. An anode for use in a solid electrolytic capacitor, 20 characterized in that the anode is a sintered body made using the niobium powder according to claim 1 as a raw material of the body.

5. A solid electrolytic capacitor characterized in that the solid electrolytic capacitor is made by providing a sintered 25 body as an anode in the interior of the capacitor, wherein the niobium powder according to claim 1 is used as a raw material of the body.

6. The niobium powder according to claim 2, characterized in that the average particle size of the secondary particles of the powder is from 10 to 200  $\mu\text{m}$ .

7. An anode for use in a solid electrolytic capacitor,  
5 characterized in that the anode is a sintered body made using the niobium powder according to claim 2 as a raw material of the body.

8. A solid electrolytic capacitor characterized in that the solid electrolytic capacitor is made by providing a sintered  
10 body as an anode in the interior of the capacitor, wherein the niobium powder according to claim 2 is used as a raw material of the body.

9. An anode for use in a solid electrolytic capacitor, characterized in that the anode is a sintered body made using  
15 the niobium powder according to claim 3 as a raw material of the body.

10. A solid electrolytic capacitor characterized in that the solid electrolytic capacitor is made by providing a sintered body as an anode in the interior of the capacitor, wherein  
20 the niobium powder according to claim 3 is used as a raw material of the body.

11. An anode for use in a solid electrolytic capacitor, characterized in that the anode is a sintered body made using the niobium powder according to claim 6 as a raw material  
25 of the body.

12. A solid electrolytic capacitor characterized in that the solid electrolytic capacitor is made by providing a sintered body as an anode in the interior of the capacitor, wherein

the niobium powder according to claim 6 is used as a raw material of the body.